

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [7736] '40A leading-edge click
Message-ID: <v02130506ada6b3609d96@[199.170.106.28]>

Hi Allen,

I couldn't remember whether I mentioned that you should put a small resistor in series with the keyline diode to suppress the leading-edge pop. Try that if you haven't already.

If it's a Wilderness '40A, this fix is described in the back of the manual under "Modifications," I believe. If not, let me know and I'll find where it is.

If you've already tried this without any success, please send me the rig. I haven't heard of any cases where the resistor didn't fix it, and I'd be happy to analyze it for you, free of charge. Just send me a fiver for return postage.

There are hundreds of '40As in the field that don't have the problem you're experiencing, so I suspect it's your unit or your KC1 installation that's the issue. I'll learn something by dissecting it. :)

73,
Wayne

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: ka0yos@arn.net
Subject: [7750] 40 Meter Field Day Quad
Message-ID: <199604262013.PAA15816@arnet.arn.net>

Sorry for the bandwidth on a "sort of related" item. I have tried several other reflectors with no results. I am looking for a QST article from the early 70s about a 40 meter quad for Field Day use. I would be ELATED to pay postage, copying, and a small finders fee for a copy of this article!

Thanks and 72,
Joe ka0yos

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: John Mckee <jmckee@rfmd.com>
Subject: [7746] 40-9er filter
Message-ID: <199604261831.0AA119790@nss2.CC.Lehigh.EDU>

Gang,

Bob Kellogg AE4IC and I have been tinkering with the output filter in his 40-9er. He wanted to operate from 12 volts with at least a watt output. I gave him component values for a 5 element lowpass filter using standard capacitor values and small toroidal inductors. He put the whole thing on the pc board. It's tight but it fits.

I measured the output power with a 12V supply at 1.18 watts with a second harmonic suppression of -44.8dB. At 9V, the output was a half watt. The supply current during transmit was 133mA (9V). Take a few extra batteries along and you could probably get a day or two of operating. The main thing is that the transmitted signal exceeds the FCC requirement for spectral purity.

I have not tried the rig on the air yet, but I plan to this weekend. I think Bob made some changes to the driver stage too but I am not sure what those are.

Anyway, here are the filter values.

>From the collector of Q2:

470pF shunt
1.2uH series
1000pF shunt
1.2uH series
470 pF shunt

The best value for the middle capacitor is 940pF. You could make something close from several capacitors but in the interest of space we used a single 1000pF capacitor.

I was surprised and very pleased at the results. I re-ran the self calibration on the spectrum analyzer just to be sure what I saw was real. The power output was measured with a Rhode & Schwarz NRVD power meter and 10W sensor.

Hope you find this useful

John WB4OFT

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: "Al Hunter" <ahunter@inland.net>
Subject: [7754] 8044.ps file
Message-ID: <199604270035.RAA22944@ns1.inland.net>

Hi gang.....if you're having a problem viewing the 8044.ps file, edit the
rops.ini file which is usually found in the c:\windows\system directory.
Change the line which reads 'structure=1' to 'structure=0' and save. For
printing, it is best to set up the page size prior to loading the file you
want to print. I find the best compromise is to zoom in all the way and
then zoom out 2 clicks. This works OK in approximating true sizes but for
pc board layouts you might want to do a print screen to the clipboard and
paste to a paint program and do your scaling and touch up from there.

72
Al - AA6SO

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: Mike Robinson <miker@cc.com>
Subject: [7751] A real Sucrets box...
Message-ID: <9604262211.AA05332@voder.nsc.com>

Ooooh, envy me...

The engineer in the office next to mine, was cleaning
out his desk and produced an authentic Sucrets tin.

He naturally handed it to me since I'm always bringing
in these little radios in strange boxes.

It pays to advertise your hobby.

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NCARC Superfest, June 1st, Larimer County Fairgrounds, Colorado

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7.3 de Michael AA0UB miker@cc.com michael@frii.com
 http://www.frii.com/~michael
 QRP-L #126 Norcal #857 CQC #180

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From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [7728] Acrobat
Message-ID: <Pine.SOL.3.91.960426102822.9227A@utkux4.utcc.utk.edu>

Many thanks to the many who provided more detailed info on Acrobat.
Appreciate it.

-73-
LB, W4RNL

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Bill Howell <bhowell@mail.utexas.edu>
Subject: [7744] Adobe Acrobat Web site
Message-ID: <199604261742.MAA05917@mail.utexas.edu>

Acrobat reader is available from their Web site :
<http://www.adobe.com/>

Have heard of a program--possibly shareware--called Adobe Acrobat that is
supposed to convert PS into PDF or something similar that is standard
laser printable. Wonder if that is what was used or whether anyone has
used the program.

-73-
LB, W4RNL

Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice: (512) 471-1388
bhowell@mail.utexas.edu

N5ALO QRP-L #415

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goo goo g'joob

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From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: kaul@ix.netcom.com (Alan Kaul)
Subject: [7745] Another hint for Altoids/Sucrets Radio cases
Message-ID: <199604261808.LAA07993@dfw-ix4.ix.netcom.com>

wall (around key and headphone jacks, etc.) is to cut a small piece of single-sided circuit board and to install it with the foil side toward the main board. The main-board-ground can be soldered to it easily, and even small sub-assemblies (such as an additional output filter section) can be built right on it!

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Bernard Seront <seront@seism1.ess.sunysb.edu>
Subject: [7723] Anyplace to go in Boston?
Message-ID: <2.2.32.19960426013430.0073c8bc@seism1.ess.sunysb.edu>

I'll be in Boston and Cambridge tomorrow afternoon; is there any place to go, especially electronic surplus or ham related?

Thanks.

Bernard, KB2TGH.

Bernard Seront, seront@seism1.ess.sunysb.edu
<http://rock.ess.sunysb.edu:8080/>

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [7725] Atlanta Hamfest - QRP forum
Message-ID: <Pine.SV4.3.91.960426095341.3052G-100000@atl1>

The NoGaQRP group (North Georgia) and QRP-ARCI will be hosting a QRP forum at the Atlanta Hamfest on June 8. The program/forum will begin at 9:30 AM. The hamfest this year will be held at City Hall East (the old Sears Building on Ponce de Leon). Talkin will be on 146.82.

The program has not been finalized and suggestions are welcome. Persons wishing to speak should contact me immediately. Otherwise, we hope to see many QRPers from around the Southeast at this event. I suspect that QRP-ARCI/NoGaQRP will also have a table at the hamfest. Stay tuned for details.

Jim Stafford, W4Q0	RadioActive Schools(sm) -
11395 West Road	Using amateur radio as
Roswell, GA 30075-2122	a teaching tool in north
770-993-9500	Georgia area schools.
Packet:W4Q0@WA4BRO.#atl.ga.usa.na	Internet: w4qo@america.net
QRP-L #267 QRP-QRCI #6515 G-QRP #5588 MiQRP #897 NorCal NoGaQRP	

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: lhalliday@creo.bc.ca
Subject: [7755] CQ ON
Message-ID: <9603268305.AA830566471@mail.creo.bc.ca>

It looks like I'm going to be in and around Brussels in late May/early June. Are there any places not to miss, people I might like to meet, events I might attend? I will be taking a side trip to Paris, and (other than Cyclades and GES) the same request applies...

Thanks in advance for any information!

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: Steve Thompson AB7PF <kj7dn@primenet.com>
Subject: [7715] Final Plans for AB7PF Air Mobile
Message-ID: <Pine.BSD.3.91.960425211457.14497A-1000000@usr4.primenet.com>

Hi Friends:

The following are the plans for our "QRP to the Field" effort. We look forward to working lots of you!

Frequencies of operation: 2M - 146.52, alternate of 146.53
40M - 7.051 +/- QRM

Operating plan: Will do FM around PHX (scQRPions), CW enroute to Riley, FM at Riley (Ghost Town) and surrounding areas, CW enroute to TriARC, FM around the Rim Country, and then a "final" FM as we return to PHX.

TIME PERMITTING, WE WILL JUMP DOWN TO 7.117 FOR NOVICE! (Thanx fer the reminder)

Of course, we will be on one band at a time.

Time Schedule: 1600Z - Depart PHX
1600Z - 1630Z (longer if req'd) - circle PHX
1630Z - 1800Z Enroute to Riley
1800Z - 1830Z Work Riley and surrounding areas
1830Z - 2000Z Enroute to Strawberry area
2000Z - 2015Z Work upper portion of state (TriARC)
2015Z - 2045Z Return to PHX

Time estimates are subject to change.

We are not looking to rack up points ... rather, we're gonna have fun, and we're gonna' show everyone how much fun we QRP'ers are!

73!

Steve - AB7PF

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+-----+
| Steve C. Thompson - AB7PF      -----/----- E-mail kj7dn@primenet.com |
| Manager of Info. Technology    -----/----- steve@cpginc.com         |
| Continental Promotion Group    -----/H-----                          |
| Tempe, AZ, USA                 H          Current Projects:              |
|                                H          Explorer II 40M, 40-40           |
|                                H                                           |
| 602.731.3535                   H          QRP-L #259  scQRPions #1       |
| 602.921.8825 X535              H          NWQRP #387  NorCal #1516       |
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| |
+-----+

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: KFGlynn@aol.com
Subject: [7729] Help! Would like address VK4XA
Message-ID: <960426105119_478812101@emout08.mail.aol.com>

Hello gang,

I worked VK4XA am at 11:00Z on 7007.50. He was 459 QSB to me so snuck in between the pileup with 100 watts and he heard my 1x1 call. I was 569 QRN to him.

Does anyone have an international callbook (hard copy) with station's address? I'd like to QSL direct with IRC if possible.

Also does anyone have addresses of intl callbook servers?

I appreciate the help.

73 Kevin KB2TE0

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: H Smith <hbs@crl.com>
Subject: [7738] NORTH TEXAS QRP CLUB to the field
Message-ID: <Pine.SUN.3.91.960426085224.7287A-1000000@crl5.crl.com>

This is an approximate resend of the original message.

Attention DFW and vicinity QRPers!

The North Texas QRP Club, NORTEX, will be doing the QRP A-field outing on Saturday, 27 April, 1996.

We will be using the call NA5K.

Come to the POINT NORTH PARK in Richardson, TX. Directions:

Take Central Expressway (Highway 75) to the Campbell Road exit in Richardson. Go West on Campbell Road.

Stay on Campbell Road for 2 or 3 miles until you get to Floyd Road (at signal light).

Turn right on Floyd (north). You will pass the University of Dallas, it will be on your left. Keep going until you go under the rail road tracks. The park is after the RR tracks on your right. We will be setting up in the pavillion.

Point North Park is a large enough for our antennas but small enough to not be crowded. We have set up there for the last 2 QRP Afields and Field Day.

I will be cooking breakfast at the pavillion at 8 AM. Charles Cashion is bringing the plastic ware and I am bringing the eggs, bacon, orange juice and coleman stove.

Immediately after breakfast, or even during breakfast, we will start setting up the antenna. Operation starts after the antenna is erected

Our primary goal is to have fun. So bring your radios, keyers, batteries, etc. If you want to try something out in the field, this is the day. (please, nothing that glows). We will have plenty of 12 V batteries available. Oh, it helps if you bring your head phones. Crash helmets are optional.

Bring your own lunch and soft drinks. BTW, there are plenty of fast food places near by.

Also, if you have any lawn chairs, bring them also.

To all who are participating in the contest, GOOD LUCK!

Smitty, NA5K

Henry Smith (hbs@crl.com)

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: "Kerry W. Miller" <kmiller@flash.net>

Subject: [7752] OUR QRP TTF location

Message-ID: <1.5.4.32.19960426221801.00683b78@mail.flash.net>

Since everybody else is doing it, here's where we'll be. Cumby, TX (once was Blackjack Grove, TX). About 70 miles East of Dallas at my father's farm. I had to go feed his cows, so its as good an excuse as any. Besides, it will be our warmup for Field Day. We'll be running 5 watts from a TS-50 to a 40m loop if I finish it tonite or in the a.m.

Look for N5BTH - 5 Bad Texas Hombres, cw only (is there anything else?)

73,
Kerry
WD5ABC

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      ( oo )
|-----oo00--()--00oo-----|
| Kerry Miller                Royse City, TX |
|                                     |
|                               WD5ABC |
|-----|
|                                     |
|                               kmiller@flash.net
|-----|
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From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996

From: Russ1031@aol.com

Subject: [7731] QRP to the Field in the Land of Ducks

Message-ID: <960426110321_100940623@emout09.mail.aol.com>

Well, this has been quite a spring up here in Oregon. We've still got floods and all my favorite locations in the mountains are knee deep in snow.

So I'm planning to operate from a local topographical feature, known as Martin's Ridge. I've tried hard to find some exotic features of Martin's Ridge, but it's just your basic ridge in a dense Douglas fir forest.

Down in the canyon, however, is Martin's Creek, which flows into the McKenzie River about a half mile downstream from my house. And that, in turn, is the location of Martin's rapid, the nastiest rapid on this part of the McKenzie. Sometimes, when I'm in a certain frame of mind, I hike down to a big rock just below the rapid and watch the river eat boats.

See you on Saturday, unless Martin's Ridge gets hit by the white stuff.

Russ Carpenter, AA7QU, McKenzie River, Oregon

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [7737] QRP to the Field morning start hr
Message-ID: <n1381605236.21039@msmailgw1.arlut.utexas.edu>

In reporting Austin QRP to the Field plans, I mentioned afternoon, but when I re-read "QRPP", I saw the correct starting time is 1300 ZULU, which unlike ARRL's Field Day, is early Sat. for us Central U. S. types.

So guess we will be setting up in the MORNING and operating.

Good Luck to all, and hope you also noticed this event starts earlier than Field Day timing, from the gang at W5KA.

72, Stuart K5KVH
rohre@arlut.utexas.edu

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Ronald Hands <Ronald.Hands@freenet.hamilton.on.ca>
Subject: [7726] QRP with IC735?
Message-ID:
<Pine.SOL.3.91.960426101416.18075A-1000000@james.freenet.hamilton.on.ca>

I recently acquired an IC735, the Icom HF transceiver. Minimum power, at present, seems to be 10 watts.

In the manual, I notice there's a switch illustrated which drops the maximum power from 100 watts to 50. Does this also reduce the minimum power to 5 watts. Is there a better way (one that would retain the maximum 100 watt output for times when it's needed)?

Also, has anyone had the experience of installing a CW filter in this rig? I thought, by now, that installing such filters would be a plug-and-play experience, but I've been told by one correspondent that the filter has to be soldered into place. That looks like a horrendous job, since it apparently involves lifting the main receiver circuit board loose from an impressive assortment of wires.

My only previous experience with filter installation was 18 years ago in a Kenwood 520s, and it wasn't *that* bad. At least everything was accomplished from the top of the PC board.

-- Ron VE3SP

ronald.hands@freenet.hamilton.on.ca
rhands@inforamp.net

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Brad Mugleston <bmug@gw1.com>
Subject: [7727] QRPTTF
Message-ID: <199604261403.AA14711@gp-ipc54.gw1.com>

Gang,

I getting ready for tomorrow, my first contest. I was thinking, what do I call?
I mean do I just call CQ and hope to get contest info or do I call something
special or do I stand on my left foot (QLF) Face East (QFE) and pray to the
contests gods (QCG) while chanting the alphabet in code (QAC)?

If there is no set way to do this, tell me what you are going to call so I can
listen and answer the correct stations.

Thanks,

de KB0ROL, Brad - shipboard for QRPTTF

PS - AND YES I AM SHOUTING - DONT FOR GET US NOVICE/TECH+'S, without us CW
would die off in a few years. ;^)

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: kd7s@valleynet.com (Bill Jones)
Subject: [7734] QTTF - California Style
Message-ID: <199604261558.IAA24896@valleynet.com>

I will be operating the QRP TTF contest from 6,500 feet a.s.l. from the
Kings Canyon National Park in the central California High Sierras. The area
is populated by many Giant Sequoia trees well over a hundred feet high.
This is my regular field day site and also the place where I got chased out
of my campsite last year by a rather large bear. This year I will operate
WITHOUT a box of Cheez-its sitting next to the rig. Bears love Cheez-its.

=====

Bill Jones - KD7S <><

QRP-L Member #85
Sanger, California
Reply to kd7s@valleynet.com
=====

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: kd7s@valleynet.com (Bill Jones)
Subject: [7733] Radio Shack DSP Still Available
Message-ID: <199604261551.IAA24581@valleynet.com>

On a lark, I stopped by my local Radio Shack and asked if they had any "DSP Noise Reduction System" units in stock. I gave them the part number from the 1995 catalog (21-543) and they checked in the computer. They didn't have one there, but at my insistence the man behind the counter checked the district and found at least twelve of them. I went to the closest store on the list and they had two in stock at the sale price of \$39.97 so I bought one. At the same time I asked them to check for the little 1-watt audio amplifier kit (28-4031) and found three of them. So, if you have the part numbers and ask them to do a district-wide search, they will do their best to find what you're looking for.

=====

Bill Jones - KD7S <><
QRP-L Member #85
Sanger, California
Reply to kd7s@valleynet.com
=====

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: thom.lacosta@fido261.qis.net (Thom LaCosta)
Subject: [7719] Re[2]: Problem with RoPS program...
Message-ID: <d88_9604260640@fido261.qis.net>

lhalliday@creo.bc.ca wrote in a message to All:

lc> From: lhalliday@creo.bc.ca
lc> Subject: Re[2]: Problem with RoPS program...

lc> As somebody who is actually paid to do things with PostScript...

Is there something that will change a PDF file into ascii text? I have a fairly large .DOC file for a program that someone did in PDF...no one seems to

have the .TXT file, and it would be nice to get it back into text for those folks who don't have the ability to read/print the PDF stuff.

Thom LaCosta

N3WDV

Our Business is Business

--

|Fidonet: Thom LaCosta 1:261/1352

|Internet: thom.lacosta@fido261.qis.net

|Standard disclaimer: Insure that all valves are open or closed.

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996

From: "Arjen Raateland, SYKE/YV, puh. 90-4030 0457" <Arjen.Raateland@vyh.fi>

Subject: [7717] St. Louis Tuner construction

Message-ID: <01I3ZQUW6AH08Y80TK@vyh21.vyh.fi>

St. Louis Tuner #116 is now under construction in Finland.

There have been a number of suggestions on the QRP-list about details of the construction. L1 certainly warrants some reflection before construction of the toroid and switch assembly.

It was proposed that the low end of the tuner inductor L1 should be grounded as seen (only) in the schematic in QRPp of March 96. I wonder if that is right. I know this sort of thing is sometimes done in tuners to avoid unwanted resonance in the unused portion of a coil, but the magnetic coupling of the turns on the toroid is very tight, so doesn't it cause extra losses to short part of the toroid? I haven't completely figured out the wiring from the instructions in the manual. I haven't started that part yet though.

What I also have not been able to ascertain from the instructions is which end of L1 should actually be closest to ground. This determines the size of the steps at which the inductance increases as the switch is turned from low to high inductance. Knowing this would help solve many questions about how to wire L1 and switch 2 that may come up during the actual construction.

I noticed that the phenolic part carrying the slide contact on my switch 2 wasn't fixed to the axis and being pushed by the contact springs it wasn't at a square angle with the axis. I butted the aluminium axis with a pointed punch from the back side and that fixed the loose phenolic part. This should increase contact pressure. I suppose glueing might be difficult as those parts are probably a bit greasy.

Switch 1 is indeed a very tight fit. In my case a piece of slightly soft plastic (cut from the lid of a plankton sample tube) as a collar on the threaded bush keeps the switch free from the pem nut. Turn the switch to make sure nothing hits the pem nut.

Thanks to NorCal for this fine kit.

73 and gl,
Arjen Raateland, OH2ZAZ
---... --- --... . --- --... --... .- ---...
Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 0 4030 0457
fax +358 0 4030 0490
.-.-. -.-

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Doug Hendricks <ki6ds@telis.org>
Subject: [7716] ST. Louis Tuner Progress
Message-ID: <31806BB2.3049@telis.org>

Kits have been shipped through 181. Will not ship next week so that I can get June QRPP ready for the printer. 72, And listen for KI6DS from New Mexico this weekend! Doug, KI6DS/5 for 2 days in April.

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: meh@cbsms1.cb.att.com (m.e.hartwell)
Subject: [7722] VFO sold
Message-ID: <199604261241.IAA18557@emsr1.emsr.att.com>

Hello All

The other day I sent out a message offering a vfo for sale. It is now sold.

Marty

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Bill Howell <bhowell@mail.utexas.edu>

Subject: [7732] Walkman as audio amp
Message-ID: <199604261517.KAA11805@mail.utexas.edu>

Try tapping into the Walkman at the volume control.
This will probably give you a better level match than using the
tape-head connection.

BTW I was thinking of taking an old "walkman", salvaging the amplifier
and hooking the output of the 40-9er to the part where the tape head is,
to have a portable battery powered amplifier. Has anyone ever done this?

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+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+-----+
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Bill Howell
University of Texas at Austin
Performing Arts Center
Electronic Maintenance
voice: (512) 471-1388
bhowell@mail.utexas.edu

N5ALO QRP-L #415

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goo goo g'joob

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From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [7749] Re: 40-9er filter
Message-ID: <Pine.3.89.9604261232.A2547-0100000@netcom22>

Excellent work, John. That is great! And it is essentially confirming
the results of Chuck, N1RXT, who suggested running two 3 element 470-1.2-470

filters back-to-back, which would amount to a five element filter (with the center 470pf caps in parallel=940pf!!!).

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [7753] Re: A real Sucrets box...
Message-ID: <Pine.SOL.3.91.960426201457.6711A-100000@autarch.acsu.buffalo.edu>

I had a similar experience.... I've been asking around for an Altoid's box. Someone asked if a Sucret's box would be OK. They got it from a relative that "bought the ranch". It is in the original plastic wrap and has never been opened. She also happened to know of a local drug store chain that had the Altoid's. I would feel guilty opening a collectible. I told her I would just go and buy the mints. Now the problem is...where do I mount the digital display? :-)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

On Fri, 26 Apr 1996, Mike Robinson wrote:

>
> Ooooh, envy me...
>
> The engineer in the office next to mine, was cleaning
> out his desk and produced an authentic Sucrets tin.
>
> He naturally handed it to me since I'm always bringing
> in these little radios in strange boxes.
>
> It pays to advertise your hobby.
>
>
> =====

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> NCARC Superfest, June 1st, Larimer County Fairgrounds, Colorado
> =====
> 7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
>      http://www.frii.com/~michael
>      QRP-L #126      Norcal #857      CQC #180
> =====
>

```

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
 From: kaul@ix.netcom.com (Alan Kaul)
 Subject: [7747] Re: Another hint for Altoids/Sucrets Radio cases
 Message-ID: <199604261923.MAA20321@dfw-ix5.ix.netcom.com>

Rich, et.al. : sorry for the deletion of the top few lines of the message. It should have said:

For those of you who are building the Altoids and Sucrets Box 40-9er transceivers and are finding the thin walls of the tins a bit difficult to drill and too flimsy to easily hold jacks, connectors, etc.....

The easy way to reinforce the wall (around key and headphone jacks, etc.) is to cut a small piece of single-sided circuit board and to install it with the foil side toward the main board. The main-board-ground can be soldered to it easily, and even small sub-assemblies (such as an additional output filter section) can be built right on it!

Sorry for the omission..... 73 de alan, W6RCL

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
 From: "N100Q Tom R. @ MR01 26-Apr-1996 1458" <randolph@est.ENET.dec.com>
 Subject: [7748] re: Diplexers?
 Message-ID: <9604261920.AA14868@us4rmc.pko.dec.com>

QRPers,
 I played around with this diplexer circuit in SPICE some more:

```

>      Ls      Cs
>      +-----UUU-----||-----+
>      |                                     |
>      >----+----/\ /\----+----/\ /\----+---->
>      Rin      |      Rout

```

```

>
>      +---+---+
>      |       |
>      Lp C     --- Cp
>      C       ---
>      C       |
>      |       |
>      gnd     gnd
>
>

```

I tried to narrow the passband of it by increasing the X of the Ls and Cs from the nominal values of 50 ohms (with Rin and Rout set to 50 ohms). What I found was that the narrower you try to make it, the more energy simply passes right through Rin and Rout to the load. Hmm... makes sense... as X becomes > 100 ohms, the energy simply takes the 100-ohm path of least resistance! You'd have to remove one of the resistors in order for this to have any good effect. Again, I ran all this at 9 MHz, which will be the IF of my new RX.

It might be a good circuit up at VHF if you need the termination at both ends. I think I'll stick to the narrow passband, single terminated Butterworth design I came up with for my new receiver. The following amp's input is pretty close to 50 ohms over a broad bandwidth, thanks to heavy feedback, so I can get away with not using that termination.

```

=====
Tom Randolph  N100Q  NE-QRP 419  QRP-L 87  ARRL      randolph@est.enet.dec.com
=====

```

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
 From: Bob Hightower <ki7mn@dancris.com>
 Subject: [7743] Re: Help! Would like address VK4XA
 Message-ID: <199604261542.IAA29051@user.dancris.com>

At 10:51 AM 4/26/96 -0400, you wrote:

>Hello gang,

>

>I worked VK4XA am at 11:00Z on 7007.50. He was 459 QSB to me so snuck in
 >between the pileup with 100 watts and he heard my 1x1 call. I was 569 QRN to
 >him.

>

>Does anyone have an international callbook (hard copy) with station's
 >address? I'd like to QSL direct with IRC if possible.

>

>Also does anyone have addresses of intl callbook servers?

>

>I appreciate the help.

>
>73 Kevin KB2TE0
>
>
This call is not in the callbook at Ilmenau, so it may be a new, or newer, one.

BTW, the correct URL for the international callbook is:

<http://www.systemtechnik.tu-ilmenau.de/ham/hamqsl.html#callbook>

CU all at QTTF

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-l 271

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996

From: Nick Franco <kf2ph@bnl.gov>

Subject: [7724] Re: Problem with RoPS program...

Message-ID: <3180D7F2.2D@bnl.gov>

L. B. Cebik wrote:

>
> On Thu, 25 Apr 1996, randy foltz wrote:
> >
> > The computer jock fixed it by converting the ps file to an Adobe Portable
> > Document Format (PDF). Then we were able to print it.
>
> Have heard of a program--possibly shareware--called Adobe Acrobat that is
> supposed to convert PS into PDF or something similar that is standard
> laser printable. Wonder if that is what was used or whether anyone has
> used the program.

FYI

Adobe Acrobat Reader is a freeware program you can download from their web site. This reader is available for all platforms: PCs, Macs, Sun and SGI and a host of operating systems. However this is only a reader of the PDF files created from the Acrobat Exchange software. The Exchange runs on various platforms and installs as a printer driver. So, for example, you install the Acrobat EXchange printer driver into your Windows print manager and from that point on, if you wish to create a .pdf file from any Windows application, all you do is choose the Acrobat print driver as your printer and give the file a name. The Acrobat Exchange is about \$100.00 (ballpark) but the AcroRead program is free. This way if you create .pdf files for viewing on the Web, you can

also offer freely, the Acroread program to be downloaded so the users can actually see the information. AcroRead also installs as an automatic hook into Netscape so any attempt to view a .pdf file will spawn the AcroRead viewer without user intervention. I have and use these products and can supply information to anyone interested. You can look at the Adobe home page at: <http://www.adobe.com>

OBQRP:

Been having a blast with the NN1G SW-30 in the car. Worked Alabama and Tampa, Fla. yesterday from Long Island. I'm running almost 2 watts out to the Hamstick on the bumper.

72

Nick

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist RHIC Project - Building 1005 - Room 201
Tel: (516) 344-5467 Fax: (516) 344-3674 UPTON, N.Y. 11973-5000
Email: kf2ph@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: "Moore, Randy (William R)" <WRMoore@ingr.com>
Subject: [7740] RE: Problem with RoPS program...
Message-ID: <c=US%a=_%p=INTERGRAPH%1=HQ9960425152129EZ004300@hq14.pcmail.ingr.com>

I found this problem too. The HELP says to try going to Edit/Preferences and turn off Build Index. This works with 8044.PS.

GL es 72/73

Randy, KS41

>-----

>From: Larry East[SMTP:LVE1@inel.gov]
>Sent: Thursday, April 25, 1996 10:58 AM
>To: Low Power Amateur Radio Discussion
>Subject: Problem with RoPS program...

>

>I made the unhappy discovery last night that the RoPS PostScript file
>viewer

>that I thought was to great has a problem with multiple page

>"structured" PS

>files -- each page just over-writes the previous page(s) on the screen!

>Since the program prints by sending a screen bitmap to the printer, it

>prints that way also. Anyone else seen this, or is my system just

>screwed

>up? (You can test it with the 8044.PS file in the QRP-L archives, under

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7741] Re: QRP to the Field morning start hr
Message-ID: <199604261639.JAA29341@user.dancris.com>

At 11:12 AM 4/26/96 -0500, you wrote:

>In reporting Austin QRP to the Field plans, I mentioned afternoon, but when I
>re-read "QRPP", I saw the correct starting time is 1300 ZULU, which unlike
>ARRL's Field Day, is early Sat. for us Central U. S. types.

>

>So guess we will be setting up in the MORNING and operating.

>

Early must be relative....out here, start time is 6:00 a.m. Gonna catch the
morning gray line.

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-l 271

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [7730] Re: QRP with IC735?
Message-ID: <Pine.3.89.9604260945.C2287-0100000@w3eax.umd.edu>

There's a pot on SOME board inside the radio, R267 I think. I have done
this on probably 5 or 6 735's, but for the life of me I can't remember
exactly where it is on the board.

It allows the minimum power to go down about 3.5 watts while maintaining
a max power of 100 wattts.

Great radio.

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996

From: H Smith <hbs@crl.com>
Subject: [7735] Re: QRPTTF
Message-ID: <Pine.SUN.3.91.960426084602.7246A-1000000@crl5.crl.com>

On Fri, 26 Apr 1996, Brad Mugleston wrote:

> Gang,
>
> I getting ready for tomorrow, my first contest. I was thinking, what do I call?
> I mean do I just call CQ and hope to get contest info or do I call something

Good question.

How about CQ QRP TEST

gud luck in the contest OM,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7739] Re: QTTF - California Style
Message-ID: <199604261615.JAA29210@user.dancris.com>

At 08:58 AM 4/26/96 -0700, you wrote:

>I will be operating the QRP TTF contest from 6,500 feet a.s.l. from the
>Kings Canyon National Park in the central California High Sierras. The area
>is populated by many Giant Sequoia trees well over a hundred feet high.
>This is my regular field day site and also the place where I got chased out
>of my campsite last year by a rather large bear. This year I will operate
>WITHOUT a box of Cheez-its sitting next to the rig. Bears love Cheez-its.
>=====

Well, let's see.....100 foot tree, antenna pulled to top, you pull a platform
up about 60' off the ground, you still have plenty of antenna heighth AND you
too can operate qrp air-mobile.

CU in the tst.

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-l 271

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [7718] Re: Re 40-9er chokes
Message-ID: <Pine.3.89.9604260018.A18569-01000000@netcom12>

On Thu, 25 Apr 1996, Mike Czuhajewski wrote:

>
> Here's what I got when I plugged things into GPLA (the Wes Hayward
> analysis program that comes with his RF book from ARRL)--topology is
> the standard 40-9er 3 element filter with 270 pF at the input and 470
> pF at the output. I used a somewhat arbitrary (but realistic) value
> of 150 ohms as the collector impedance.
>
> 2.2 uH, Q = 250 0.3 dB insertion loss at 17 MHz, 16 dB at 14 MHz
> 2.08 uH, Q = 102 0.31 dB at 7 MHz, 15.8 at 14 MHz
> 2.3 uH, Q = 94 0.49 dB at 7 MHz, 17 at 14 MHz
>
> The first Q value of 250 is the default selected by GPLA. With the
> 2.3 uH filter the lowest insertion loss was about 0.34 dB, but that
> was several hundred KHz below the 40 meter band.
>

Mike::: Interesting results, first allow me to presume:
that there's a typo, that ''insertion loss at 17 mHz'' for the
2.2 uH, Q=250 coil should read: ''insertion loss at 7 mHz...''

It is interesting because the modelling done with
GPLA has returned approximately the same information
which I was able to measure on the 40-9er in the lab.

From a post of April 18, 1996:

rig using ''stock'' 270pf-2.2uH-470pf pi output filter

Input V	Power Output	F1	F2
9.0	0.42	0dB	-16dB
12.0	0.67	0dB	-15dB

Also worth comparing is the info detailing

output power using the ''stock'' pi output filter (above) and a balanced, modified pi output filter consisting of 470pf-1.5uH-470pf (below).

Note the increase in power: it appears the predicted attenuation (0.31-to-0.49dB) is slightly less than what was measured when using the modified filter. And 2nd harmonic (F2) energy has greater attenuation.

40-9er using 470pf-1.5uH-470pf output filter

Input V	Power	Output	F1	F2
9.0	0.60	0dB	-20dB	
12.0	0.95		0dB	-21dB

So the questions remain, what are the ''best'' 3-element pi filters for the 40-9er, and how much power can we get out of them? Perhaps a better question for Mike and the others with GPLA, is what are the best (and easiest) filters which will make the 40-9er a ''legal'' rig by having more than 30db attenuation at the 2nd, 3rd, 4th, etc., harmonics?

Another writer, Chuck--N1RXT, offered that a better filter would be 470pf-1.2uH-470pf. And that even better results would be obtained by running two of them back to back (effectively making a 5-element pi with the two middle 470pf caps in parallel forming a single 940pf cap).

If anyone wants to model it and post the results, I'll be happy to test it sometime next week (currently my 40-9er is inoperative and on the bench trying a few of Ori, AC6AN, mods on finding a ''better 500-800Hz transmit offset'').

73/72 de alan, w6rcl
<kaul@netcom.com>

From owner-qrp-1@lehigh.edu Fri Apr 26 22:41:18 1996
From: Tom Bowman <tbowman@nbn.net>
Subject: [7720] Re: Re 40-9er chokes
Message-ID: <199604261025.GAA17482@users.nbn.net>

Mike: I'd appreciate you sending me the values for the 3-element filter you

modeled.

I received my Auttek RF Analyst earlier this week and want to use it to check values when I replace the stock filter in my 49er this weekend. Thanks, Tom

>>>>>

>When the postings on 40-9er harmonics started appearing, I wrote up a
>posting about 3 element low pass filters, describing some
>characteristics and showing what sort of performance could be
>expected from such a simple filter. (The short answer is "not very
>good unless you are willing to put a fair amount of work into the
>design and construction".) I rewrote it several times as the weeks
>went by but never posted it. I'm between rewrites again, but might
>go ahead and post it anyhow, complete with warnings and caveats about
>its unfinished and rough state; I did send it privately to a few
>people and no one has found anything seriously wrong with it, so I
>might pass it on as-is, since it does at least get the basic idea
>across.

>

>73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

>

>

Tom Bowman, WA3REY, Mount Gretna, PA 17064 tbowman@nbn.net

From owner-qrp-l@lehigh.edu Fri Apr 26 22:41:18 1996

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

Subject: [7721] Re: St. Louis Tuner construction

Message-ID: <Pine.SOL.3.91.960426072508.8117B@utkux4.utcc.utk.edu>

On Fri, 26 Apr 1996, Arjen Raateland, SYKE/YV, puh. 90-4030 0457 wrote:

> St. Louis Tuner #116 is now under construction in Finland.
> It was proposed that the low end of the tuner inductor L1 should be
> grounded as seen (only) in the schematic in QRPp of March 96. I wonder
> if that is right. I know this sort of thing is sometimes done in
> tuners to avoid unwanted resonance in the unused portion of a coil,
> but the magnetic coupling of the turns on the toroid is very tight, so
> doesn't it cause extra losses to short part of the toroid? I haven't
> completely figured out the wiring from the instructions in the manual.
> I haven't started that part yet though.

Arjen,

In C-L-C circuits for higher powers, grounding the "cold" end of the coil
and the tap has an additional purpose: considerable voltage can be

present at the cold end unless grounded, sometimes creating sparking as you pass through some settings of the capacitors. I have an MFJ tuner with a rotary coil that was left ungrounded, heard and saw the sparking, ran a strap from the cold end of the coil to the tap, and the problem went away. While this is not likely at QRP power levels, the practice is still a good one. Mine was a tuner rated at 3 KW and sparking occurred with only 100 watts.

-73-

LB, W4RNL